

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	546	(favor\$4 or weight\$4) same ((third or first) near2 person)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/26 17:45
L2	2	L1 and ("natural language processing")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/26 17:47
L3	4	L1 and ("language processing")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/26 17:48
L4	5	L1 and ("natural language")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/26 17:58
L5	19	"speech act theory"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/26 18:25
L6	222	(expert near4 (find\$4 or search\$4 or rank\$4)) and ("natural language processing" or (document near3 (process\$4 or analys\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/26 18:26
L7	9	L6 and 707/6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/26 18:27
S1	4	((("6076088") or ("5963940")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/25 18:41

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S2	83	((already or previously) near5 (stored)) same ((prevent\$4 or eliminat\$4) near3 (duplicat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 21:49
S3	8	illocutionary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 21:50
S4	114	(analyz\$4 near4 (linguistic or language or grammar)) same verb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 21:52
S5	43	S4 and (rank or ranking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/26 14:00
S6	4	((("6691109") or ("5903893") or ("5843673") or ("20020072862")). PN.	US-PGPUB; USPAT	OR	OFF	2006/04/26 17:45


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Relevance scale ☐ ☐ ☐ ☐ ☐1 [Reusing an ontology to generate numeral classifiers](#)

Francis Bond, Kyonghee Paik

 July 2000 **Proceedings of the 18th conference on Computational linguistics - Volume 1**

Publisher: Association for Computational Linguistics

 Full text available: [pdf\(586.36 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#)

In this paper, we present a solution to the problem of generating Japanese numeral classifiers using semantic classes from an ontology. Most nouns must take a numeral classifier when they are quantified in languages such as Chinese, Japanese, Korean, Malay and Thai. In order to select an appropriate classifier, we propose an algorithm which associates classifiers with semantic classes and uses inheritance to list only those classifiers which have to be listed. It generates sortal classifiers wit ...

2 [Document retrieval and text retrieval: An overview of DR-LINK and its approach to document filtering](#)

Elizabeth D. Liddy, Woojin Paik, Edmund S. Yu, Kenneth A. McVearry

 March 1993 **Proceedings of the workshop on Human Language Technology HLT '93**

Publisher: Association for Computational Linguistics

 Full text available: [pdf\(409.85 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#)

DR-LINK is an information retrieval system, complex in design and processing, with the potential for providing significant advances in retrieval results due to the range and richness of semantic representation done by the various modules in the system. By using a full continuum of linguistic-conceptual processing, DR-LINK has the capability of producing documents which precisely match users' needs. Each of DR-LINK's six processing modules add to the conceptual enhancement of the document and que ...

3 [The lexicon: Interpretation of proper nouns for information retrieval](#)

Woojin Paik, Elizabeth D. Liddy, Edmund Yu, Mary McKenna

 March 1993 **Proceedings of the workshop on Human Language Technology HLT '93**

Publisher: Association for Computational Linguistics

 Full text available: [pdf\(396.22 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#)

Most of the unknown words in texts which degrade the performance of natural language processing systems are proper nouns. On the other hand, proper nouns are recognized as a crucial source of information for identifying a topic in a text, extracting contents from a text, or detecting relevant documents in information retrieval (Rau, 1991).

4 Technical Papers: Applying natural language processing (NLP) based metadata extraction to automatically acquire user preferences



Woojin Paik, Sibel Yilmazel, Eric Brown, Maryjane Poulin, Stephane Dubon, Christophe Amice

October 2001 **Proceedings of the 1st international conference on Knowledge capture K-CAP '01**

Publisher: ACM Press

Full text available: pdf(210.42 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper describes a metadata extraction technique based on natural language processing (NLP) which extracts personalized information from email communications between financial analysts and their clients. Personalized means connecting users with content in a personally meaningful way to create, grow, and retain online relationships. Personalization often results in the creation of user profiles that store individuals' preferences regarding goods or services offered by various e-commerce merch ...

Keywords: metadata extraction, natural language processing, user preference elicitation

5 Text categorization for multiple users based on semantic features from a machine-readable dictionary



Elizabeth D. Liddy, Woojin Paik, Edmund S. Yu

July 1994 **ACM Transactions on Information Systems (TOIS)**, Volume 12 Issue 3

Publisher: ACM Press

Full text available: pdf(1.17 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The text categorization module described here provides a front-end filtering function for the larger DR-LINK text retrieval system [Liddy and Myaeing 1993]. The model evaluates a large incoming stream of documents to determine which documents are sufficiently similar to a profile at the broad subject level to warrant more refined representation and matching. To accomplish this task, each substantive word in a text is first categorized using a feature set based on the semantic Subject Field ...

Keywords: semantic vectors, subject field coding

6 Breaking the metadata generation bottleneck: preliminary findings



Elizabeth D. Liddy, Stuart Sutton, Woojin Paik, Eileen Allen, Sarah Harwell, Michelle Monsour, Anne Turner, Jennifer Liddy

January 2001 **Proceedings of the 1st ACM/IEEE-CS joint conference on Digital libraries**

Publisher: ACM Press

Full text available: pdf(60.67 KB) Additional Information: [full citation](#), [citations](#), [index terms](#)

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